

**Notes from Budget Ad Hoc Group Meeting
On August 25, 1999**

Develop the budget to reflect different types of information requested by the AMWG/TWG.

2 Track the budget so you can generate reports that show:

- Sources of revenue (i.e., AMP-Power Revenues, O&M, Sec. 8, etc.)
 - For each project or activity show the sources of revenue that support it
- Employee related expenses (ERE)
 - For each employee develop a table that shows how they are spending their time
- Aggregate costs by activity
 - **Show, for each activity/project, the total costs for that activity, in terms of GCMRC personnel, contracts, logistics, survey expenses, travel, space & facilities, etc.**
- Add a section on Frequently Asked Questions (FAQs) that address issues such as: the costs for logistics, costs for biological opinion related work, costs for PA work, In-house science vs. competitive RFPs, what is included in overhead, etc.
- Develop a table for contracts that shows how the contracted work relates to specific MOs and INs
- Add a 2-3 sentence narrative that describes what is being done for each project and why it is being done

Status:

- GCMRC is developing organizational codes so that they can produce the requested reports.
 - Will require an additional .25 -.5 FTE in year one to input data and generate reports.
 - ~~See Attached Table 1~~ for example of an "Aggregate Costs by Activity" report.
 - See Attached Table 2 for example of an "Employee Related Expenses" report.
 - See Attached Table 3 for an example of a "Sources of Revenue" report.
 - See Attached "Table 2.1" for an example of the information that will be included in the FY 2001 Work Plan showing the **relationship between activities and MOs and INs**
 - See Attached "Table 2.2" for an example of the information that will be included in the FY 2001 Work Plan showing **total activity/project expenses**
- List of Frequently Asked Questions (FAQs) needs to be developed with input from TWG/AMWG

Completion Date: Will have budget formats, narratives and FAQs ready for review at January 21-22, 2000 AMWG meeting

GCMRC PROJECT COST REPORT

AS OF NOVEMBER 30, 1999

TABLE 1. AGGREGATE COSTS BY ACTIVITY

PROJECT DESCRIPTION	Prj Code	Salary	Travel	Contracts	Logistics Support	Survey Support	Operating Exp.*	Capital Equip.	Project Total
AMWG Activities	A10	302	357						660
TWG Activities	A20	228	711						940
GCMRC Administration	B01	34,263	1,587				4,863	8,820	49,534
Biological Resources Program Support	C01	9,815	453						10,269
Aquatic Food Base	C11	524		234,000					234,524
Native Fish	C12				1,552				1,552
Lees Ferry Trout	C13	75		130,000					130,075
Riparian Vegetation	C14	430							430
Avifauna	C16			81,000					81,000
Tail Waters Symposium	C17	438							438
Kanab Ambersnail	C18		306		12,541	132			12,978
In-House Temperature Mon.	C21	289					825		1,124
TWG Requests	C22	219							219
In-House Projects	C23	348							348
IWQP	C24			75,000					75,000
Physical Resources Program Support	D01	7,868							7,868
Conceptual Modeling	D10			25,000					25,000
Extended Synthesis	D11			76,389					76,389
Mainstem Trib/Streamflow Sed.	D12		548	330,000	660		360		331,568
Tributary Model Verification	D13			14,000					14,000
Protocols Evaluation Review	D14			200,222					200,222
Debris Fans and Rapids Change	D15			10,000					10,000
SocioEconomic Program Support	E01	10,856	57						5,813
Campsite Monitoring	E33				4,215				4,215
Information Technologies Program	F01	9,566							9,566
Database Management	F10	3,240							3,240
Geographic Information Systems	F11	7,805							7,805
Library	F12	1,687					480		2,167
Data Standards & Protocols	F14	1,429					6,403		7,832
Aerial Photography	F15	313							313
Remote Monitoring Tech. Support	H01	817							817
Remote Sensing Evaluation	H10			58,000					58,000
Survey Control & Bathymetry	H12		326						326
Integrated Water Quality Prog. Support	I01	11,972					559		12,531
Downstream Monitoring	I10		330						330
Reservoir Monitoring	I11		1,209	10,000					11,209
Logistics Operations Support	J01	9,171		402,400	(16,738)		2,046	9,627	406,506
Survey Operations Support	K01	7,740					102		7,842
Independent Review Panels	L10	1,259	4,246						5,505
Technical Report Review	L12	88							88
TOTALS		120,751	10,132	1,646,011	2,230	132	15,639	18,447	1,808,240

* Operating Expenses include space & facilities, supplies, training, vehicles, and other general expenses.

GCMRC PROJECT COST REPORT
AS OF NOVEMBER 30, 1999

TABLE 2. EMPLOYEE SALARY DISTRIBUTION

Pj	Total	Baker	Behan	Bullm	Flacc	Fritz	Gilma	Gold	Gonza	Hueft	Kenna	Kieff	Kohl	Koma	ambe	Lisze	Manki	Mells	Mietz	Otero	Ralst	Tiegs	Verni	Wadsw	Yard
Code	Pj Cost																								
A10	302											302									131				
A20	228																			1246	1797	73			748
B01	33717			1056	80		1262	16312				7102					4040				4558				4041
C01	9815	1216																							524
C11	524																								75
C13	75																								
C14	430																		430						
C17	438																				438				
C21	299																								
C22	219																				219				299
C23	348	348																							
D01	7868																	7868							
E01	5756																								
E30	5100																								
F01	9566																								
F10	3240																			393					
F11	7805																			6310					
F12	1687																								
F14	1429																								1687
F15	313																								
H01	817																								
I01	11972	348																							
J01	9171																								
K01	7740																								
L10	1259																								
L12	88																								
Total	120205	1911	5100	1056	3320	6028	1262	16312	6636	4586	1807	7480	1104	1429	5756	9173	4137	7868	7950	1246	8415	3216	7038	1687	5687

GCMRC PROJECT COST REPORT

FY-2000

TABLE 3. SOURCES OF REVENUE

PROJECT DESCRIPTION	AMP Funds	O&M Funds	Total Funds
AMWG Activities			
TWG Activities	12,000		12,000
GCMRC Administration	1,916,000		1,916,000
Biological Resources Science Support*	8,000		8,000
Aquatic Foodbase	234,000		234,000
Avifauna	96,000		96,000
Conceptual Modeling	70,000		70,000
Endangered Fish Research Flows	10,000		10,000
Kanab Ambersnail	45,000		45,000
Native Fish	580,000		580,000
Trout	175,000		175,000
Wetland and Riparian Vegetation	105,000		105,000
Side-Scan Sonar Pilot	25,000		25,000
GCMRC In-house Studies	55,000		55,000
TWG Work Requests	50,000		50,000
Unsolicited Proposals	100,000		100,000
Physical Resources Science Support*	11,900		11,900
Conceptual Modeling	40,300		40,300
Geomorphic Synthesis	76,400		76,400
LCR Conceptual Model Dev / Verification	14,000		14,000
Mainstem Sediment Transport & Streamflow	326,000		326,000
Protocol Evaluation for Physical Resources	225,400		225,400
Debris Fans & Rapids Change	10,000		10,000
Socio-Cultural Resources Science Support*	9,000		9,000
Cultural Resources			
Protocol Assessments	15,000		15,000
Application of Flow/Deposition Model	25,000		25,000
Application of Geomorphic Testing	35,000		35,000
Investigation of Isolated Occurrences	25,000		25,000
Photographic Terrace Modeling	35,000		35,000
Tribal Resource Projects	125,000		125,000
Tribal Technologies	35,000		35,000
Socioeconomic Resources			
Assessing 30-year Campsite Changes	25,000		25,000
Evaluating Trout Anglers Satisfaction	5,000		5,000
Campsite Monitoring Protocols	20,000		20,000
Boater Adopt-a-Beach Program	5,000		5,000
Information Technologies Program Support*	128,000		128,000
Aerial Photography	70,000		70,000
Geographic Information Systems	14,000		14,000
Data Standards & Protocols	12,000		12,000
Oracle Database System	160,000		160,000
Remote Monitoring Technology			
Remote Sensing Initiative	400,000		400,000
Integrated Water Quality Program Support			
Downstream Monitoring	145,000		145,000
Reservoir Monitoring		300,000	300,000
Logistics	583,000		583,000
Survey Operations	18,000		18,000
Independent Review Panels	5,000		5,000
RFP Review	35,000		35,000
SAB Review	100,000		100,000
Technical Report Review	15,000		15,000
TOTALS	6,229,000	300,000	6,529,000

* Support includes travel and other expenses not directly related to a project.

GCMRC PROJECT COST REPORT
AS OF OCTOBER 1, 1999

TABLE 4. TOTAL COSTS OVER PROJECT LIFECYCLE

PROJECT DESCRIPTION	ACTUAL FY-98	ACTUAL FY-99	CURRENT FY-00	COST TO DATE	PROJECT STATUS
Biological Resources Science					
Aquatic Foodbase	166,000	178,000	194,000	538,000	
Avifauna	70,000	81,000	81,000	232,000	
Conceptual Modeling	81,000	9,000	70,000	160,000	
Data Integration Report	25,000			25,000	
Endangered Fish Research Flows		74,000		74,000	
HBC, Second Population		62,000		62,000	
Kanab Ambersnail	44,000	44,000		88,000	
Native Fish	485,000	520,000	470,000	1,475,000	
HBC, Population Genetics			90,000		
Side-Scan Sonar Pilot			25,000	25,000	
Tailwaters Symposium			25,000		
Terrestrial Endangered Species PEP			10,000	10,000	
Terrestrial PEP			50,000		
Trout	125,000	158,000	130,000	413,000	
Trout PEP			15,000		
Wetland and Riparian Vegetation	84,000	80,000		164,000	
Vegetation Synthesis			55,000		
Trophic Linkages			30,000		
In-house Research			55,000		
Backwater Synthesis	44,000			44,000	
Benthic standing mass (GCMRC/NAU)	47,000	47,000		94,000	
KAS & SWWF			45,000	45,000	
Mainstem & Tributary Monitoring	2,000			2,000	
Physical Resources Science					
Conceptual Modeling	75,000	50,000	40,300	165,300	Ongoing
Debris Fans & Rapids Change Detection			10,000	10,000	New
Extended Synthesis (Glen Canyon)			76,400	76,400	New
Fine-Grained Sediment Deposits	205,000	135,000		340,000	Complete
Geomorphic Synthesis (Lee's to Phantom)	100,000	119,000		219,000	Complete
LCR Colorado River Model Development	30,000	31,000		61,000	Complete
Mainstem Sediment Transport & Streamflow	553,000	529,000	330,000	1,412,000	Ongoing
Protocol Evaluation for Physical Resources	36,000	29,000		65,000	Complete
Protocol Eval, Field Testing & Cap. Inv.			225,400	225,400	Ongoing
Tributary Model Verification			14,000	14,000	New
Ungaged Tributaries	49,000	20,000		69,000	Complete
Socio-Cultural Resources Science					
Cultural Resources					
Application of Flow/Deposition Model			25,000	25,000	
Application of Geomorphic Testing			35,000	35,000	
Conceptual Modeling	30,000	30,000		60,000	
Flow Impact on Cultural Resources	55,000	78,000		133,000	
Geomorphic Hypothesis Testing	80,000	80,000		160,000	
Hopi-Ethnobotanical	31,000	60,500	91,500	183,000	
Photographic Terrace Modeling	14,000			14,000	
PEP Activities / Implementation		6,000	40,000	46,000	
Southern Paiute Consortium		30,500		30,500	
Synthesis of Cultural Resources Data	59,000			59,000	

GCMRC PROJECT COST REPORT
AS OF OCTOBER 1, 1999

PROJECT DESCRIPTION	ACTUAL FY-98	ACTUAL FY-99	CURRENT FY-00	COST TO DATE	PROJECT STATUS
Cultural Resources (Cont'd)					
Tribal Resource Projects			125,000	125,000	
Tribal Technologies			35,000	35,000	
Unanticipated Information Requests			5,000		
Zuni Tribe	6,900			6,900	
Socioeconomic Resources					
Assessing 30-year Campsite Changes			25,000	25,000	
Boater Adopt-a-Beach Program			5,000	5,000	
Campsite Monitoring Protocols			20,000	20,000	
Evaluating Trout Anglers Satisfaction			5,000	5,000	
Recreation User Attitude	70,000			70,000	
Remote Monitoring Technology					
Remote Sensing Initiative			400,000	400,000	
Integrated Water Quality Program					
Conceptual Modeling		20,000		20,000	
IWQP Downstream Water Quality Monitoring			75,000	75,000	

Notes:

- Costs prior to and including FY-00 are for contracts only. Salary, logistics, and other costs are not included.
- Beginning in FY-01, actual costs for FY-00 and budgeted costs will be reported using a total cost accounting method.
Project costs will include contract, salary, logistics, survey and other operating expenses associated with the project.